

Analytical Services

Protein Analytics

Bioactivity and Cellular Assays

Host Cell Contaminants

Immunomonitoring



Bioactivity and Cellular Assays

Bioactivity Assays

Bioactivity of final products is an essential parameter in the specification of biopharmaceutical drug substances and clinical samples. Glycotope Biotechnology's capabilities covers various technology platforms for assay development such as:

- ELISA
- FACS (Becton-Dickinson, FACSCalibur®)

Combined with our expertise in GCLP assay development, Glycotope Biotechnology has a track-record for establishment of qualified and validated methods used in product quality control. In addition, our know-how in immunology and routine-assay development has been successfully used to establish and monitor suitable in-vitro read-out parameters for pre-clinical or clinical studies. Our biological focus is put on :

- Custom-tailored functional lymphocyte assays for analysis of migration capabilities, burst-activity, induction of degranulation, etc.
- Custom-tailored NK cell cytotoxicity assays
- Custom-tailored lymphocyte proliferation assays
- Antibody-dependent cell-mediated cytotoxicity (ADCC) profiling
- Evaluation of customer provided samples with our in-house research devices

Cell Based Assays for Drug Screening and Target Validation

Cultures of mammalian cells are established as essential in vitro test systems that allow efficient studies in complex biological contexts. For this reason, they are central tools for modern pharmaceutical research to validate new therapeutic targets or to check the function of new potential drugs.

We develop custom-made assays for your specific tasks or screen and validate lead-substances in cell based assays.

- Proliferation
- Migration & Invasion
- Apoptosis

For more information please contact us

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